PHILIPS

Lighting



CorePro LEDtube EM/Mains T8

CorePro LEDtube 1500mm 20W 840 C

The CorePro LEDtube is an affordable LED solution suitable for replacing T8 fluorescent lamps. The product provides a natural lighting effect for use in general lighting applications, as well as instant energy savings – an environmentally friendly solution.

Product data

General Information	
Cap-Base	G13 [Medium Bi-Pin Fluorescent]
Main Application	Industrial
Nominal Lifetime (Nom)	30000 h
Switching Cycle	200000X
B50L70	30000 h

Light Technical	
Color Code	840 [CCT of 4000K]
Beam Angle (Nom)	150 °
Luminous Flux (Nom)	2000 lm
Luminous Flux (Rated) (Nom)	2000 lm
Rated Beam Angle	150 °
Correlated Color Temperature (Nom)	4000 K
Color Consistency	<6
Color Rendering Index (Nom)	80
LLMF At End Of Nominal Lifetime (Nom)	70 %

Operating and Electrical	
Input Frequency	50 to 60 Hz
Power (Rated) (Nom)	20 W
Lamp Current (Nom)	94 mA
Starting Time (Nom)	0.5 s
Warm Up Time to 60% Light (Nom)	instant full light s
Power Factor (Nom)	0.9
Voltage (Nom)	220-240 V

Temperature	
T-Ambient (Max)	45 °C
T-Ambient (Min)	-20 °C
T-Storage (Max)	65 °C
T-Storage (Min)	-40 °C
T-Case Maximum (Nom)	55 °C

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Product Length	1500 mm

Approval and Application	
Energy Saving Product	Yes

CorePro LEDtube EM/Mains T8

Suitable For Accent Lighting	No
Energy Efficiency Label (EEL)	A+
Approval Marks	CE marking RoHS compliance KEMA Keur certificate
Energy Consumption kWh/1000 h	20 kWh

EAN/UPC - Product	8718696427941
Order code	929001128602
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	10
Material Nr. (12NC)	929001128602
Net Weight (Piece)	0.450 kg

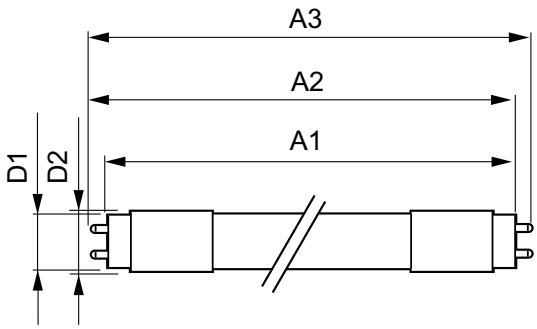
Product Data

Full product code	871869642794100
Order product name	CorePro LEDtube 1500mm 20W 840 C

Warnings and Safety

• NOTES: The overall energy efficiency and light distribution of any installation that uses these lamps are determined by the design of the installation.

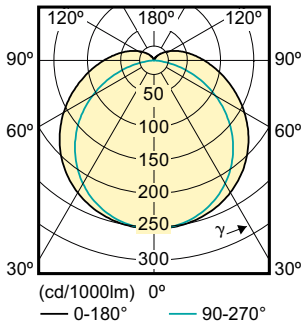
Dimensional drawing



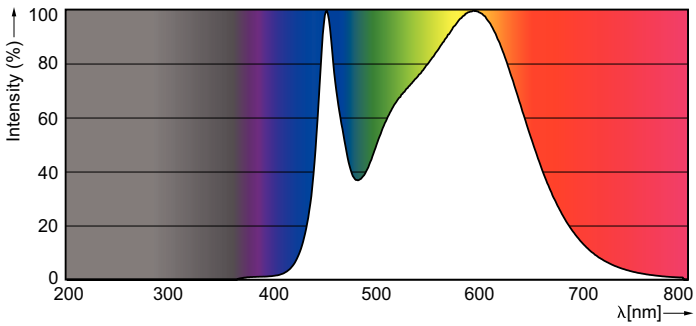
LEDtube 1500mm 22W 840 C

Product	D1	D2	A1	A2	A3
CorePro LEDtube 1500mm 20W 840 C	25.68 mm	28 mm	1500.0 mm	1507.1 mm	1514.2 mm

Photometric data



LED tube 1500 mm 22 W /840, /865 C



LED tube 1500 mm 22 W /840 C



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2017, May 26 - data subject to change